Radio communication specialists

Maxon PM200/250 mobile

- 208 Channels with scanning
- RSSI (Receive Signal Strength Indicator)
- 5 Tone Selcall/DTMF/Enc/Dec/ANI
- SMS (Short Messaging Service)
- Emergency call (with mic live)
- Programmable function keys
- Radio to radio cloning
- Caller ID memory

With the Maxon guarantee of quality, performance and reliability.

The **Maxon PM200** (25Watt) and **PM250** (45Watt) are new editions to the range of Maxon professional two-way mobile radio's.

Continuing on from the successful PM100 range, these versatile radios provide users with reliable communications, adaptable for many applications and budgets.

The large 208 channel capacity allows for complex programming requirements whilst its data capability is ideal for the transfer of SMS messages, and other forms of data, for mobile communications.

Full 5 tone and DTMF signaling allows the operator to selectively call individual users. The emergency calling feature is especially suitable for lone workers with the stun/ revive feature adding a security option for radio system controllers, should a unit be stolen.

The PM250 (45watt) is available for use outside of the U.K. only.

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Maxon PM200/250 mobile

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Technical specifications

GENERAL

Performance Specifications	CE 0678 ⓘ **PM200** R&TTE Directive 1999/5/EC ETSI EN 300 086-1/-2; In process ETSI EN 300 219-2 In process ETSI EN 300 113-2
PM200 PM250 Frequency coverage	UHF 440.000 – 480.000 MHz VHF 148.000 – 174.000 MHz
Number of Channels	208 Channels
Channel Spacing	12.5kHz, / 25kHz (programmable per channel)
Operation	Simplex, Half Duplex
Antenna Impedance	50 Ohm
Signaling	CCTSS/DCS/DTMF (encode/decode)
Power Supply	13.8V dc nominal
Current Consumption OFF	<10µA <140mA Standby (muted) with battery save ON <350mA Un-muted with 25% AF power <450mA Un-muted with 50% AF power <1000mA Un-muted with 100% AF power <2.0A Transmit @ 2W RF output <7.0A Transmit @ 25W RF output
Weight	1.44kgs
Physical Dimensions	175(W)mm x 158(D)mm x 48(H)mm
RF Output Power	**PM200** 2-25W nominal (+/-10%) **PM250** 5-45W nominal (+/-10%)
Receiver Sensitivity	12dB SINAD nominal UHF: Better than –117dBm VHF: Better than –118dBm
Audio Power	4W (Internal 16Ω speaker)

ENVIRONMENTAL

Operating Temperature Range:	-15°C to +35°C (nominal) -20°C to +55°C (extreme)
Humidity	EIA/TIA 603 (95%)
Robustness	Designed to Mil-Std-810
EMC	EMC Directive 89/336/EEC; ETSI EN 301 489-1/-5
Safety	LV Directive 73/23/EEC; EN 60950-01
Automotive Approval	72/245/EEC as last amended by 2004/104/EC; e11*72/245*2004/104*3699*00

Figures above are typical and measured under normal operating conditions. As such they will not form part of any contract. Our policy is one of continuous improvement and we reserve the right to change product specifications without notice. Images used are for illustrational purposes only and may not reflect the actual component available.

Accessories:

Additional accessories are also available; please contact us for details of the full range.

Power:

MS2600-3/2

Audio:

DM200-01

MA200-01

MA200-02

HFK100-01

FSXX-01

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Maxon PM200/250 mobile

Code: DS-PM200/250-44